View this system as ⟨linearsystem | C | ⟨vect | b⟩⟩, where C is the 4×4 matrix from ⟨acronymref | exercise|MISLE.C28⟩ and ⟨vect|b⟩ = ⟨colvector| -4
4
-20
9⟩. Since C was seen to be nonsingular in ⟨acronymref | exercise | MISLE.C28⟩ ⟨acronymref | theorem|SNCM⟩ says the solution, which is unique by ⟨acronymref|theorem|NMUS⟩, is given by

Vea este sistema como: ⟨linearsystem | C | ⟨vect | b⟩⟩, donde C es la matriz 4×4 del ⟨acronymref| exercise|MISLE.C28⟩ y ⟨vect|b⟩ = ⟨colvector| -4 4 -20 9⟩.

dado que C esta denotada como no singular en ⟨acronymref|exercise|MISLE.C28⟩ ⟨acronymref| theorem|SNCM⟩que nos da la solucion, la cual es unica por ⟨acronymref|theorem|NMUS⟩ y esta dada por

⟨inverse|C⟩⟨vect|b⟩=⟨bmatrix| $\begin{matrix} 38 & 18 & -5 & -2 \\ 96 & 47 & -12 & -5 \\ -39 & -19 & 5 & 2 \\ -16 & -8 & 2 & 1 \end{matrix}$ ⟩

⟨colvector|-4 -20 9⟩=⟨colvector|2 -1 -2 1⟩

Notice that this solution can be easily checked in the original system of equations.

Note que esta solucion,puede ser comprobada facilmente en el sistema originalde ecuaciones.